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**ABSTRACT OF THE DISCLOSURE**

*Sub C1* To realize multinational energy and power interchange, understanding the characteristics and differences of energy and power system of respective countries, electric power facilities of respective countries must be totally operated, thus providing economic effects such as lowering of energy charge and the stable power supply. To this end, the respective power systems of many countries and regions such as North America, Russia, China, South East Asia, Australia, South America and the like belonging to the Asian-Pacific rim which have characteristics and difference are connected by direct current interconnecting facilities or alternating power transmission facilities, thus ensuring the balance of power supply and enabling the total or partial operation of the entire system.